

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	491	ATP sulfurylase\$1 or sulfate adj (adenylyltransferase\$1 or (adenylyl or adenylate) adj transferase\$1)	US-PGPUB; USPAT	ADJ	OFF	2007/10/01 14:10
L2	1012	ATP near4 (regenerat\$ or replenish\$ or recycl\$)	US-PGPUB; USPAT	ADJ	OFF	2007/10/01 14:10
L3	11	1 and 2	US-PGPUB; USPAT	ADJ	OFF	2007/10/01 14:11
L4	11057	(pyrophosphate or phosphate) near4 (deplet\$ or reduc\$ or eliminat\$ or decreas\$)	US-PGPUB; USPAT	ADJ	OFF	2007/10/01 14:11
L5	78	4 and 1	US-PGPUB; USPAT	ADJ	OFF	2007/10/01 14:11
L6	49	4 same (protein synth\$)	US-PGPUB; USPAT	ADJ	OFF	2007/10/01 14:22

8/2/02 (102(b) date = 7/25/02)

\* \* \* \* \* \* \* \* \* \* \* \* \* \* \* STN Columbus \* \* \* \* \* \* \* \* \* \* \* \* \* \* \*

FILE 'HOME' ENTERED AT 14:26:46 ON 01 OCT 2007

=> fil.bec  
COST IN U.S. DOLLARS  
FULL ESTIMATED COST

SINCE ENTRY	TOTAL SESSION
0.21	0.21

FILES 'MEDLINE, SCISEARCH, LIFESCI, BIOTECHDS, BIOSIS, EMBASE, HCAPLUS, NTIS,  
ESBIOBASE, BIOTECHNO, WPIDS' ENTERED AT 14:27:12 ON 01 OCT 2007  
ALL COPYRIGHTS AND RESTRICTIONS APPLY. SEE HELP USAGETERMS FOR DETAILS.

#### 11 FILES IN THE FILE LIST

=> s atm sulfurylase# or sulfate(w) (adenylyltransferase# or (adenylyl or  
adenylate) (w)transferase#)

FILE 'MEDLINE'

108952 ATP	
223 SULFURLASE#	
198 ATP SULFURLASE#	
	(ATP (W) SULFURLASE#)
116462 SULFATE	
1503 ADENYLYLTRANSFERASE#	
9131 ADENYLYL	
34677 ADENYLATE	
62374 TRANSFERASE#	
257 SULFATE (W) (ADENYLYLTRANSFERASE# OR (ADENYLYL OR ADENYLATE) (W) TRANSFERASE#)	
L1 317 ATP SULFURLASE# OR SULFATE (W) (ADENYLYLTRANSFERASE# OR (ADENYLYL OR ADENYLATE) (W) TRANSFERASE#)	

FILE 'SCISEARCH'

91056 ATP	
421 SULFURLASE#	
380 ATP SULFURLASE#	
	(ATP (W) SULFURLASE#)
120292 SULFATE	
271 ADENYLYLTRANSFERASE#	
10864 ADENYLYL	
29352 ADENYLATE	
50095 TRANSFERASE#	
9 SULFATE (W) (ADENYLYLTRANSFERASE# OR (ADENYLYL OR ADENYLATE) (W) TRANSFERASE#)	
L2 384 ATP SULFURLASE# OR SULFATE (W) (ADENYLYLTRANSFERASE# OR (ADENYLYL OR ADENYLATE) (W) TRANSFERASE#)	

FILE 'LIFESCI'

36654 "ATP"	
125 SULFURLASE#	
116 ATP SULFURLASE#	
	("ATP" (W) SULFURLASE#)
28481 SULFATE	
322 ADENYLYLTRANSFERASE#	
2938 ADENYLYL	
10138 ADENYLATE	
16223 TRANSFERASE#	
44 SULFATE (W) (ADENYLYLTRANSFERASE# OR (ADENYLYL OR ADENYLATE) (W) TRANSFERASE#)	
L3 127 ATP SULFURLASE# OR SULFATE (W) (ADENYLYLTRANSFERASE# OR (ADENYLYL OR ADENYLATE) (W) TRANSFERASE#)	

FILE 'BIOTECHDS'

4277 ATP	
53 SULFURLASE#	

45 ATP SULFURLASE#  
(ATP (W) SULFURLASE#)  
15012 SULFATE  
75 ADENYLYLTRANSFERASE#  
125 ADENYLYL  
528 ADENYLATE  
4572 TRANSFERASE#  
15 SULFATE (W) (ADENYLYLTRANSFERASE# OR (ADENYLYL OR ADENYLATE) (W) TRANSFERASE#)  
L4 54 ATP SULFURLASE# OR SULFATE (W) (ADENYLYLTRANSFERASE# OR (ADENYLYL OR ADENYLATE) (W) TRANSFERASE#)

FILE 'BIOSIS'

161426 ATP  
551 SULFURLASE#  
511 ATP SULFURLASE#  
(ATP (W) SULFURLASE#)  
168125 SULFATE  
380 ADENYLYLTRANSFERASE#  
11186 ADENYLYL  
38177 ADENYLATE  
83508 TRANSFERASE#  
42 SULFATE (W) (ADENYLYLTRANSFERASE# OR (ADENYLYL OR ADENYLATE) (W) TRANSFERASE#)  
L5 532 ATP SULFURLASE# OR SULFATE (W) (ADENYLYLTRANSFERASE# OR (ADENYLYL OR ADENYLATE) (W) TRANSFERASE#)

FILE 'EMBASE'

93341 "ATP"  
180 SULFURLASE#  
151 ATP SULFURLASE#  
("ATP" (W) SULFURLASE#)  
136060 SULFATE  
1087 ADENYLYLTRANSFERASE#  
7755 ADENYLYL  
34214 ADENYLATE  
46342 TRANSFERASE#  
195 SULFATE (W) (ADENYLYLTRANSFERASE# OR (ADENYLYL OR ADENYLATE) (W) TRANSFERASE#)  
L6 226 ATP SULFURLASE# OR SULFATE (W) (ADENYLYLTRANSFERASE# OR (ADENYLYL OR ADENYLATE) (W) TRANSFERASE#)

FILE 'HCAPLUS'

164612 ATP  
647 SULFURLASE#  
606 ATP SULFURLASE#  
(ATP (W) SULFURLASE#)  
537263 SULFATE  
943 ADENYLYLTRANSFERASE#  
9848 ADENYLYL  
40078 ADENYLATE  
59159 TRANSFERASE#  
116 SULFATE (W) (ADENYLYLTRANSFERASE# OR (ADENYLYL OR ADENYLATE) (W) TRANSFERASE#)  
L7 673 ATP SULFURLASE# OR SULFATE (W) (ADENYLYLTRANSFERASE# OR (ADENYLYL OR ADENYLATE) (W) TRANSFERASE#)

FILE 'NTIS'

1331 ATP  
1 SULFURLASE#  
1 ATP SULFURLASE#  
(ATP (W) SULFURLASE#)  
6772 SULFATE  
1 ADENYLYLTRANSFERASE#  
26 ADENYLYL

143 ADENYLATE  
1460 TRANSFERASE#  
1 SULFATE (W) (ADENYLYLTRANSFERASE# OR (ADENYLYL OR ADENYLATE) (W) TRANSFERASE#)  
L8 1 ATP SULFURLASE# OR SULFATE (W) (ADENYLYLTRANSFERASE# OR (ADENYLYL OR ADENYLATE) (W) TRANSFERASE#)

FILE 'ESBIOBASE'  
44189 ATP  
157 SULFURLASE#  
145 ATP SULFURLASE#  
(ATP (W) SULFURLASE#)  
30318 SULFATE  
145 ADENYLYLTRANSFERASE#  
5206 ADENYLYL  
5977 ADENYLATE  
39219 TRANSFERASE#  
6 SULFATE (W) (ADENYLYLTRANSFERASE# OR (ADENYLYL OR ADENYLATE) (W) TRANSFERASE#)  
L9 148 ATP SULFURLASE# OR SULFATE (W) (ADENYLYLTRANSFERASE# OR (ADENYLYL OR ADENYLATE) (W) TRANSFERASE#)

FILE 'BIOTECHNO'  
31786 ATP  
116 SULFURLASE#  
100 ATP SULFURLASE#  
(ATP (W) SULFURLASE#)  
33569 SULFATE  
610 ADENYLYLTRANSFERASE#  
3044 ADENYLYL  
9740 ADENYLATE  
16723 TRANSFERASE#  
109 SULFATE (W) (ADENYLYLTRANSFERASE# OR (ADENYLYL OR ADENYLATE) (W) TRANSFERASE#)  
L10 135 ATP SULFURLASE# OR SULFATE (W) (ADENYLYLTRANSFERASE# OR (ADENYLYL OR ADENYLATE) (W) TRANSFERASE#)

FILE 'WPIDS'  
5366 ATP  
58 SULFURLASE#  
42 ATP SULFURLASE#  
(ATP (W) SULFURLASE#)  
59696 SULFATE  
26 ADENYLYLTRANSFERASE#  
259 ADENYLYL  
792 ADENYLATE  
7713 TRANSFERASE#  
5 SULFATE (W) (ADENYLYLTRANSFERASE# OR (ADENYLYL OR ADENYLATE) (W) TRANSFERASE#)  
L11 46 ATP SULFURLASE# OR SULFATE (W) (ADENYLYLTRANSFERASE# OR (ADENYLYL OR ADENYLATE) (W) TRANSFERASE#)

TOTAL FOR ALL FILES  
L12 2643 ATP SULFURLASE# OR SULFATE (W) (ADENYLYLTRANSFERASE# OR (ADENYLYL OR ADENYLATE) (W) TRANSFERASE#)

=> s atm(10a) (regenerat? or replenish? or recycl?)  
FILE 'MEDLINE'  
108952 ATP  
84470 REGENERAT?  
3837 REPLENISH?  
14174 RECYCL?  
L13 870 ATP(10A) (REGENERAT? OR REPLENISH? OR RECYCL?)

FILE 'SCISEARCH'

91056 ATP  
103743 REGENERAT?  
6033 REPLENISH?  
41580 RECYCL?  
L14 643 ATP(10A) (REGENERAT? OR REPLENISH? OR RECYCL?)

FILE 'LIFESCI'  
36654 ATP  
25917 REGENERAT?  
1476 REPLENISH?  
6891 RECYCL?  
L15 260 ATP(10A) (REGENERAT? OR REPLENISH? OR RECYCL?)

FILE 'BIOTECHDS'  
4277 ATP  
18702 REGENERAT?  
300 REPLENISH?  
4363 RECYCL?  
L16 170 ATP(10A) (REGENERAT? OR REPLENISH? OR RECYCL?)

FILE 'BIOSIS'  
161426 ATP  
117757 REGENERAT?  
8987 REPLENISH?  
22644 RECYCL?  
L17 1214 ATP(10A) (REGENERAT? OR REPLENISH? OR RECYCL?)

FILE 'EMBASE'  
93341 ATP  
65735 REGENERAT?  
3436 REPLENISH?  
21674 RECYCL?  
L18 781 ATP(10A) (REGENERAT? OR REPLENISH? OR RECYCL?)

FILE 'HCAPLUS'  
164612 ATP  
191901 REGENERAT?  
12775 REPLENISH?  
188754 RECYCL?  
L19 1564 ATP(10A) (REGENERAT? OR REPLENISH? OR RECYCL?)

FILE 'NTIS'  
1331 ATP  
8343 REGENERAT?  
1269 REPLENISH?  
13366 RECYCL?  
L20 15 ATP(10A) (REGENERAT? OR REPLENISH? OR RECYCL?)

FILE 'ESBIOBASE'  
44189 ATP  
43245 REGENERAT?  
2228 REPLENISH?  
13504 RECYCL?  
L21 341 ATP(10A) (REGENERAT? OR REPLENISH? OR RECYCL?)

FILE 'BIOTECHNO'  
31786 ATP  
14446 REGENERAT?  
839 REPLENISH?  
7258 RECYCL?  
L22 299 ATP(10A) (REGENERAT? OR REPLENISH? OR RECYCL?)

FILE 'WPIDS'  
5366 ATP  
108079 REGENERAT?

18845 REPLENISH?  
109166 RECYCL?  
L23 78 ATP(10A) (REGENERAT? OR REPLENISH? OR RECYCL?)

TOTAL FOR ALL FILES  
L24 6235 ATP(10A) (REGENERAT? OR REPLENISH? OR RECYCL?)

=> s l12 and l24  
FILE 'MEDLINE'  
L25 3 L1 AND L13

FILE 'SCISEARCH'  
L26 2 L2 AND L14

FILE 'LIFESCI'  
L27 0 L3 AND L15

FILE 'BIOTECHDS'  
L28 6 L4 AND L16

FILE 'BIOSIS'  
L29 3 L5 AND L17

FILE 'EMBASE'  
L30 2 L6 AND L18

FILE 'HCAPLUS'  
L31 12 L7 AND L19

FILE 'NTIS'  
L32 0 L8 AND L20

FILE 'ESBIOBASE'  
L33 2 L9 AND L21

FILE 'BIOTECHNO'  
L34 1 L10 AND L22

FILE 'WPIDS'  
L35 5 L11 AND L23

TOTAL FOR ALL FILES  
L36 36 L12 AND L24

=> s (pyrophosphate or phosphate)(10a)(reduc? or deplet? or eliminat? or decreas?)  
FILE 'MEDLINE'  
12476 PYROPHOSPHATE  
155830 PHOSPHATE  
1423284 REDUC?  
103095 DEPLET?  
165770 ELIMINAT?  
1115612 DECREAS?  
L37 12371 (PYROPHOSPHATE OR PHOSPHATE) (10A) (REDUC? OR DEPLET? OR ELIMINAT?  
OR DECREAS?)

FILE 'SCISEARCH'  
10656 PYROPHOSPHATE  
171613 PHOSPHATE  
1680991 REDUC?  
126859 DEPLET?  
189133 ELIMINAT?  
1172817 DECREAS?  
L38 10204 (PYROPHOSPHATE OR PHOSPHATE) (10A) (REDUC? OR DEPLET? OR ELIMINAT?  
OR DECREAS?)

FILE 'LIFESCI'  
    2645 PYROPHOSPHATE  
    45422 PHOSPHATE  
    364424 REDUC?  
    38763 DEPLET?  
    42842 ELIMINAT?  
    274754 DECREAS?  
L39       4003 (PYROPHOSPHATE OR PHOSPHATE) (10A) (REDUC? OR DEPLET? OR ELIMINAT?  
          OR DECREAS?)

FILE 'BIOTECHDS'  
    736 PYROPHOSPHATE  
    21908 PHOSPHATE  
    60366 REDUC?  
    2638 DEPLET?  
    8844 ELIMINAT?  
    29218 DECREAS?  
L40       993 (PYROPHOSPHATE OR PHOSPHATE) (10A) (REDUC? OR DEPLET? OR ELIMINAT?  
          OR DECREAS?)

FILE 'BIOSIS'  
    13626 PYROPHOSPHATE  
    249069 PHOSPHATE  
    1556596 REDUC?  
    131662 DEPLET?  
    180989 ELIMINAT?  
    1337501 DECREAS?  
L41       18309 (PYROPHOSPHATE OR PHOSPHATE) (10A) (REDUC? OR DEPLET? OR ELIMINAT?  
          OR DECREAS?)

FILE 'EMBASE'  
    10054 PYROPHOSPHATE  
    193665 PHOSPHATE  
    1355582 REDUC?  
    101080 DEPLET?  
    169584 ELIMINAT?  
    1040657 DECREAS?  
L42       29434 (PYROPHOSPHATE OR PHOSPHATE) (10A) (REDUC? OR DEPLET? OR ELIMINAT?  
          OR DECREAS?)

FILE 'HCAPLUS'  
    41381 PYROPHOSPHATE  
    579755 PHOSPHATE  
    2269982 REDUC?  
    954397 REDN  
    2789679 REDUC?  
                  (REDUC? OR REDN)  
    173342 DEPLET?  
    387103 ELIMINAT?  
    2420819 DECREAS?  
L43       33125 (PYROPHOSPHATE OR PHOSPHATE) (10A) (REDUC? OR DEPLET? OR ELIMINAT?  
          OR DECREAS?)

FILE 'NTIS'  
    249 PYROPHOSPHATE  
    6541 PHOSPHATE  
    189046 REDUC?  
    8185 DEPLET?  
    30720 ELIMINAT?  
    53843 DECREAS?  
L44       380 (PYROPHOSPHATE OR PHOSPHATE) (10A) (REDUC? OR DEPLET? OR ELIMINAT?  
          OR DECREAS?)

FILE 'ESBIOBASE'  
    2835 PYROPHOSPHATE

55042 PHOSPHATE  
560321 REDUC?  
49472 DEPLET?  
53434 ELIMINAT?  
437677 DECREAS?  
L45 5188 (PYROPHOSPHATE OR PHOSPHATE) (10A) (REDUC? OR DEPLET? OR ELIMINAT? OR DECREAS?)

FILE 'BIOTECHNO'  
2405 PYROPHOSPHATE  
51707 PHOSPHATE  
232937 REDUC?  
25560 DEPLET?  
29224 ELIMINAT?  
171676 DECREAS?  
L46 7909 (PYROPHOSPHATE OR PHOSPHATE) (10A) (REDUC? OR DEPLET? OR ELIMINAT? OR DECREAS?)

FILE 'WPIDS'  
6914 PYROPHOSPHATE  
128144 PHOSPHATE  
2536225 REDUC?  
63342 REDN  
2563026 REDUC?  
(REDUC? OR REDN)  
16842 DEPLET?  
565488 ELIMINAT?  
279903 DECREAS?  
L47 3844 (PYROPHOSPHATE OR PHOSPHATE) (10A) (REDUC? OR DEPLET? OR ELIMINAT? OR DECREAS?)

TOTAL FOR ALL FILES  
L48 125760 (PYROPHOSPHATE OR PHOSPHATE) (10A) (REDUC? OR DEPLET? OR ELIMINAT? OR DECREAS?)

=> s l12 and l48

FILE 'MEDLINE'  
L49 5 L1 AND L37

FILE 'SCISEARCH'  
L50 2 L2 AND L38

FILE 'LIFESCI'  
L51 3 L3 AND L39

FILE 'BIOTECHDS'  
L52 6 L4 AND L40

FILE 'BIOSIS'  
L53 10 L5 AND L41

FILE 'EMBASE'  
L54 7 L6 AND L42

FILE 'HCAPLUS'  
L55 16 L7 AND L43

FILE 'NTIS'  
L56 0 L8 AND L44

FILE 'ESBIOBASE'  
L57 2 L9 AND L45

FILE 'BIOTECHNO'  
L58 5 L10 AND L46

FILE 'WPIDS'  
L59 5 L11 AND L47

TOTAL FOR ALL FILES  
L60 61 L12 AND L48

=> s l48 and (protein synth?)  
FILE 'MEDLINE'  
1710028 PROTEIN  
766025 SYNTH?  
57257 PROTEIN SYNTH?  
(PROTEIN(W) SYNTH?)  
L61 148 L37 AND (PROTEIN SYNTH?)

FILE 'SCISEARCH'  
1433957 PROTEIN  
1273573 SYNTH?  
47976 PROTEIN SYNTH?  
(PROTEIN(W) SYNTH?)  
L62 92 L38 AND (PROTEIN SYNTH?)

FILE 'LIFESCI'  
577146 "PROTEIN"  
222758 SYNTH?  
18614 PROTEIN SYNTH?  
("PROTEIN" (W) SYNTH?)  
L63 36 L39 AND (PROTEIN SYNTH?)

FILE 'BIOTECHDS'  
164900 PROTEIN  
57737 SYNTH?  
1806 PROTEIN SYNTH?  
(PROTEIN(W) SYNTH?)  
L64 4 L40 AND (PROTEIN SYNTH?)

FILE 'BIOSIS'  
1779020 PROTEIN  
1010380 SYNTH?  
83987 PROTEIN SYNTH?  
(PROTEIN(W) SYNTH?)  
L65 211 L41 AND (PROTEIN SYNTH?)

FILE 'EMBASE'  
1686960 "PROTEIN"  
851838 SYNTH?  
91756 PROTEIN SYNTH?  
("PROTEIN" (W) SYNTH?)  
L66 467 L42 AND (PROTEIN SYNTH?)

FILE 'HCAPLUS'  
2059656 PROTEIN  
2314911 SYNTH?  
79222 PROTEIN SYNTH?  
(PROTEIN(W) SYNTH?)  
L67 284 L43 AND (PROTEIN SYNTH?)

FILE 'NTIS'  
14357 PROTEIN  
61621 SYNTH?  
667 PROTEIN SYNTH?  
(PROTEIN(W) SYNTH?)  
L68 3 L44 AND (PROTEIN SYNTH?)

FILE 'ESBIOBASE'

732915 PROTEIN  
310172 SYNTH?  
44426 PROTEIN SYNTH?  
(PROTEIN(W) SYNTH?)  
L69 120 L45 AND (PROTEIN SYNTH?)

FILE 'BIOTECHNO'  
623255 PROTEIN  
228521 SYNTH?  
33016 PROTEIN SYNTH?  
(PROTEIN(W) SYNTH?)  
L70 148 L46 AND (PROTEIN SYNTH?)

FILE 'WPIDS'  
168028 PROTEIN  
407114 SYNTH?  
1824 PROTEIN SYNTH?  
(PROTEIN(W) SYNTH?)  
L71 5 L47 AND (PROTEIN SYNTH?)

TOTAL FOR ALL FILES  
L72 1518 L48 AND (PROTEIN SYNTH?)

=> s 148(15a) (protein synth?)

FILE 'MEDLINE'  
1710028 PROTEIN  
766025 SYNTH?  
57257 PROTEIN SYNTH?  
(PROTEIN(W) SYNTH?)  
L73 22 L37(15A) (PROTEIN SYNTH?)

FILE 'SCISEARCH'  
1433957 PROTEIN  
1273573 SYNTH?  
47976 PROTEIN SYNTH?  
(PROTEIN(W) SYNTH?)  
L74 9 L38(15A) (PROTEIN SYNTH?)

FILE 'LIFESCI'  
577146 "PROTEIN"  
222758 SYNTH?  
18614 PROTEIN SYNTH?  
("PROTEIN"(W) SYNTH?)  
L75 15 L39(15A) (PROTEIN SYNTH?)

FILE 'BIOTECHDS'  
164900 PROTEIN  
57737 SYNTH?  
1806 PROTEIN SYNTH?  
(PROTEIN(W) SYNTH?)  
L76 0 L40(15A) (PROTEIN SYNTH?)

FILE 'BIOSIS'  
1779020 PROTEIN  
1010380 SYNTH?  
83987 PROTEIN SYNTH?  
(PROTEIN(W) SYNTH?)  
L77 40 L41(15A) (PROTEIN SYNTH?)

FILE 'EMBASE'  
1686960 "PROTEIN"  
851838 SYNTH?  
91756 PROTEIN SYNTH?  
("PROTEIN"(W) SYNTH?)  
L78 20 L42(15A) (PROTEIN SYNTH?)

FILE 'HCAPLUS'  
2059656 PROTEIN  
2314911 SYNTH?  
79222 PROTEIN SYNTH?  
(PROTEIN(W) SYNTH?)  
L79 35 L43 (15A) (PROTEIN SYNTH?)

FILE 'NTIS'  
14357 PROTEIN  
61621 SYNTH?  
667 PROTEIN SYNTH?  
(PROTEIN(W) SYNTH?)  
L80 2 L44 (15A) (PROTEIN SYNTH?)

FILE 'ESBIOBASE'  
732915 PROTEIN  
310172 SYNTH?  
44426 PROTEIN SYNTH?  
(PROTEIN(W) SYNTH?)  
L81 12 L45 (15A) (PROTEIN SYNTH?)

FILE 'BIOTECHNO'  
623255 PROTEIN  
228521 SYNTH?  
33016 PROTEIN SYNTH?  
(PROTEIN(W) SYNTH?)  
L82 13 L46 (15A) (PROTEIN SYNTH?)

FILE 'WPIDS'  
168028 PROTEIN  
407114 SYNTH?  
1824 PROTEIN SYNTH?  
(PROTEIN(W) SYNTH?)  
L83 2 L47 (15A) (PROTEIN SYNTH?)

TOTAL FOR ALL FILES  
L84 170 L48 (15A) (PROTEIN SYNTH?)

=> s (136 or 160 or 184) not 2003-2007/PY  
FILE 'MEDLINE'  
2972628 2003-2007/PY  
(20030000-20079999/PY)  
L85 28 (L25 OR L49 OR L73) NOT 2003-2007/PY

FILE 'SCISEARCH'  
5454193 2003-2007/PY  
(20030000-20079999/PY)  
L86 11 (L26 OR L50 OR L74) NOT 2003-2007/PY

FILE 'LIFESCI'  
620932 2003-2007/PY  
L87 15 (L27 OR L51 OR L75) NOT 2003-2007/PY

FILE 'BIOTECHDS'  
123361 2003-2007/PY  
L88 4 (L28 OR L52 OR L76) NOT 2003-2007/PY

FILE 'BIOSIS'  
2622552 2003-2007/PY  
L89 51 (L29 OR L53 OR L77) NOT 2003-2007/PY

FILE 'EMBASE'  
2617611 2003-2007/PY  
L90 26 (L30 OR L54 OR L78) NOT 2003-2007/PY

FILE 'HCAPLUS'  
5806461 2003-2007/PY  
L91 49 (L31 OR L55 OR L79) NOT 2003-2007/PY

FILE 'NTIS'  
74917 2003-2007/PY  
L92 2 (L32 OR L56 OR L80) NOT 2003-2007/PY

FILE 'ESBIOBASE'  
1533034 2003-2007/PY  
L93 13 (L33 OR L57 OR L81) NOT 2003-2007/PY

FILE 'BIOTECHNO'  
122467 2003-2007/PY  
L94 19 (L34 OR L58 OR L82) NOT 2003-2007/PY

FILE 'WPIDS'  
4839945 2003-2007/PY  
L95 1 (L35 OR L59 OR L83) NOT 2003-2007/PY

TOTAL FOR ALL FILES  
L96 219 (L36 OR L60 OR L84) NOT 2003-2007/PY

=> dup rem 196  
PROCESSING COMPLETED FOR L96  
L97 103 DUP REM L96 (116 DUPLICATES REMOVED)

=> s (pyrophosphate) (10a) (reduc? or deplet? or eliminat? or decreas?)  
FILE 'MEDLINE'  
12476 PYROPHOSPHATE  
1423284 REDUC?  
103095 DEPLET?  
165770 ELIMINAT?  
1115612 DECREAS?  
L98 489 (PYROPHOSPHATE) (10A) (REDUC? OR DEPLET? OR ELIMINAT? OR DECREAS?)

FILE 'SCISEARCH'  
10656 PYROPHOSPHATE  
1680991 REDUC?  
126859 DEPLET?  
189133 ELIMINAT?  
1172817 DECREAS?  
L99 383 (PYROPHOSPHATE) (10A) (REDUC? OR DEPLET? OR ELIMINAT? OR DECREAS?)

FILE 'LIFESCI'  
2645 PYROPHOSPHATE  
364424 REDUC?  
38763 DEPLET?  
42842 ELIMINAT?  
274754 DECREAS?  
L100 134 (PYROPHOSPHATE) (10A) (REDUC? OR DEPLET? OR ELIMINAT? OR DECREAS?)

FILE 'BIOTECHDS'  
736 PYROPHOSPHATE  
60366 REDUC?  
2638 DEPLET?  
8844 ELIMINAT?  
29218 DECREAS?  
L101 34 (PYROPHOSPHATE) (10A) (REDUC? OR DEPLET? OR ELIMINAT? OR DECREAS?)

FILE 'BIOSIS'  
13626 PYROPHOSPHATE  
1556596 REDUC?  
131662 DEPLET?

180989 ELIMINAT?  
1337501 DECREAS?  
L102 678 (PYROPHOSPHATE) (10A) (REDUC? OR DEPLET? OR ELIMINAT? OR DECREAS?)

FILE 'EMBASE'  
10054 PYROPHOSPHATE  
1355582 REDUC?  
101080 DEPLET?  
169584 ELIMINAT?  
1040657 DECREAS?  
L103 414 (PYROPHOSPHATE) (10A) (REDUC? OR DEPLET? OR ELIMINAT? OR DECREAS?)

FILE 'HCAPLUS'  
41381 PYROPHOSPHATE  
2269982 REDUC?  
954397 REDN  
2789679 REDUC?  
(REDUC? OR REDN)  
173342 DEPLET?  
387103 ELIMINAT?  
2420819 DECREAS?  
L104 1864 (PYROPHOSPHATE) (10A) (REDUC? OR DEPLET? OR ELIMINAT? OR DECREAS?)

FILE 'NTIS'  
249 PYROPHOSPHATE  
189046 REDUC?  
8185 DEPLET?  
30720 ELIMINAT?  
53843 DECREAS?  
L105 13 (PYROPHOSPHATE) (10A) (REDUC? OR DEPLET? OR ELIMINAT? OR DECREAS?)

FILE 'ESBIOBASE'  
2835 PYROPHOSPHATE  
560321 REDUC?  
49472 DEPLET?  
53434 ELIMINAT?  
437677 DECREAS?  
L106 217 (PYROPHOSPHATE) (10A) (REDUC? OR DEPLET? OR ELIMINAT? OR DECREAS?)

FILE 'BIOTECHNO'  
2405 PYROPHOSPHATE  
232937 REDUC?  
25560 DEPLET?  
29224 ELIMINAT?  
171676 DECREAS?  
L107 151 (PYROPHOSPHATE) (10A) (REDUC? OR DEPLET? OR ELIMINAT? OR DECREAS?)

FILE 'WPIDS'  
6914 PYROPHOSPHATE  
2536225 REDUC?  
63342 REDN  
2563026 REDUC?  
(REDUC? OR REDN)  
16842 DEPLET?  
565488 ELIMINAT?  
279903 DECREAS?  
L108 176 (PYROPHOSPHATE) (10A) (REDUC? OR DEPLET? OR ELIMINAT? OR DECREAS?)

TOTAL FOR ALL FILES  
L109 4553 (PYROPHOSPHATE) (10A) (REDUC? OR DEPLET? OR ELIMINAT? OR DECREAS?)

=> s l109 and (protein synth?)  
FILE 'MEDLINE'  
1710028 PROTEIN

766025 SYNTH?  
57257 PROTEIN SYNTH?  
(PROTEIN(W) SYNTH?)  
L110 15 L98 AND (PROTEIN SYNTH?)

FILE 'SCISEARCH'  
1433957 PROTEIN  
1273573 SYNTH?  
47976 PROTEIN SYNTH?  
(PROTEIN(W) SYNTH?)  
L111 4 L99 AND (PROTEIN SYNTH?)

FILE 'LIFESCI'  
577146 "PROTEIN"  
222758 SYNTH?  
18614 PROTEIN SYNTH?  
("PROTEIN"(W) SYNTH?)  
L112 2 L100 AND (PROTEIN SYNTH?)

FILE 'BIOTECHDS'  
164900 PROTEIN  
57737 SYNTH?  
1806 PROTEIN SYNTH?  
(PROTEIN(W) SYNTH?)  
L113 0 L101 AND (PROTEIN SYNTH?)

FILE 'BIOSIS'  
1779020 PROTEIN  
1010380 SYNTH?  
83987 PROTEIN SYNTH?  
(PROTEIN(W) SYNTH?)  
L114 10 L102 AND (PROTEIN SYNTH?)

FILE 'EMBASE'  
1686960 "PROTEIN"  
851838 SYNTH?  
91756 PROTEIN SYNTH?  
("PROTEIN"(W) SYNTH?)  
L115 14 L103 AND (PROTEIN SYNTH?)

FILE 'HCAPLUS'  
2059656 PROTEIN  
2314911 SYNTH?  
79222 PROTEIN SYNTH?  
(PROTEIN(W) SYNTH?)  
L116 21 L104 AND (PROTEIN SYNTH?)

FILE 'NTIS'  
14357 PROTEIN  
61621 SYNTH?  
667 PROTEIN SYNTH?  
(PROTEIN(W) SYNTH?)  
L117 0 L105 AND (PROTEIN SYNTH?)

FILE 'ESBIOBASE'  
732915 PROTEIN  
310172 SYNTH?  
44426 PROTEIN SYNTH?  
(PROTEIN(W) SYNTH?)  
L118 9 L106 AND (PROTEIN SYNTH?)

FILE 'BIOTECHNO'  
623255 PROTEIN  
228521 SYNTH?  
33016 PROTEIN SYNTH?

(PROTEIN(W) SYNTH?)  
L119 4 L107 AND (PROTEIN SYNTH?)

FILE 'WPIDS'  
168028 PROTEIN  
407114 SYNTH?  
1824 PROTEIN SYNTH?  
(PROTEIN(W) SYNTH?)  
L120 0 L108 AND (PROTEIN SYNTH?)

TOTAL FOR ALL FILES  
L121 79 L109 AND (PROTEIN SYNTH?)

=> s l121 not 2003-2007/PY  
FILE 'MEDLINE'  
2972628 2003-2007/PY  
(20030000-20079999/PY)  
L122 15 L110 NOT 2003-2007/PY

FILE 'SCISEARCH'  
5454193 2003-2007/PY  
(20030000-20079999/PY)  
L123 4 L111 NOT 2003-2007/PY

FILE 'LIFESCI'  
620932 2003-2007/PY  
L124 2 L112 NOT 2003-2007/PY

FILE 'BIOTECHDS'  
123361 2003-2007/PY  
L125 0 L113 NOT 2003-2007/PY

FILE 'BIOSIS'  
2622552 2003-2007/PY  
L126 10 L114 NOT 2003-2007/PY

FILE 'EMBASE'  
2617611 2003-2007/PY  
L127 12 L115 NOT 2003-2007/PY

FILE 'HCAPLUS'  
5806461 2003-2007/PY  
L128 21 L116 NOT 2003-2007/PY

FILE 'NTIS'  
74917 2003-2007/PY  
L129 0 L117 NOT 2003-2007/PY

FILE 'ESBIOBASE'  
1533034 2003-2007/PY  
L130 9 L118 NOT 2003-2007/PY

FILE 'BIOTECHNO'  
122467 2003-2007/PY  
L131 4 L119 NOT 2003-2007/PY

FILE 'WPIDS'  
4839945 2003-2007/PY  
L132 0 L120 NOT 2003-2007/PY

TOTAL FOR ALL FILES  
L133 77 L121 NOT 2003-2007/PY

=> dup rem l133  
PROCESSING COMPLETED FOR L133

L134 32 DUP REM L133 (45 DUPLICATES REMOVED)

=> d tot

L134 ANSWER 1 OF 32 Elsevier BIOBASE COPYRIGHT 2007 Elsevier Science B.V. on STN  
AN 2002197790 ESBIOBASE  
TI Autophosphorylation of the mammalian multifunctional protein that initiates de novo pyrimidine biosynthesis  
AU Sigoillot F.D.; Evans D.R.; Guy H.I.  
CS H.I. Guy, Dept. of Molecular Biology, Wayne State Univ. School of Medicine, 540 E. Canfield Ave., Detroit, MI 48201, United States.  
E-mail: hguy@cmb.biosci.wayne.edu  
SO Journal of Biological Chemistry, (05 JUL 2002), 277/27 (24809-24817), 45 reference(s)  
CODEN: JBCHA3 ISSN: 0021-9258  
DT Journal; Article  
CY United States  
LA English  
SL English

L134 ANSWER 2 OF 32 MEDLINE on STN DUPLICATE 1  
TI Inhibition of protein geranylgeranylation and RhoA/RhoA kinase pathway induces apoptosis in human endothelial cells.  
SO The Journal of biological chemistry, (2002 May 3) Vol. 277, No. 18, pp. 15309-16. Electronic Publication: 2002-02-11.  
Journal code: 2985121R. ISSN: 0021-9258.  
AU Li Xianwu; Liu Li; Tupper Joan C; Bannerman Douglas D; Winn Robert K;  
Sebti Said M; Hamilton Andrew D; Harlan John M  
AN 2002260101 MEDLINE

L134 ANSWER 3 OF 32 MEDLINE on STN DUPLICATE 2  
TI Isoprenoids influence expression of Ras and Ras-related proteins.  
SO Biochemistry, (2002 Nov 19) Vol. 41, No. 46, pp. 13698-704.  
Journal code: 0370623. ISSN: 0006-2960.  
AU Holstein Sarah A; Wohlford-Lenane Christine L; Hohl Raymond J  
AN 2002667042 MEDLINE

L134 ANSWER 4 OF 32 Elsevier BIOBASE COPYRIGHT 2007 Elsevier Science B.V. on STN  
AN 2001192470 ESBIOBASE  
TI Regulation of pyruvate dehydrogenase activity through phosphorylation at multiple sites  
AU Kolobova E.; Tuganova A.; Boulatnikov I.; Popov K.M.  
CS K.M. Popov, Division of Molecular Biology, School of Biological Sciences, University of Missouri-Kansas City, Kansas City, MO 64110-2499, United States.  
E-mail: popovk@umkc.edu  
SO Biochemical Journal, (15 AUG 2001), 358/1 (69-77), 26 reference(s)  
CODEN: BIJOAK ISSN: 0264-6021  
DT Journal; Article  
CY United Kingdom  
LA English  
SL English

L134 ANSWER 5 OF 32 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights reserved on STN  
TI Zoledronate is a potent inhibitor of myeloma cell growth and secretion of IL-6 and MMP-1 by the tumoral environment.  
SO Journal of Bone and Mineral Research, (1999) Vol. 14, No. 12, pp. 2048-2056.  
Refs: 42  
ISSN: 0884-0431 CODEN: JBMREJ  
AU Derenne S.; Amiot M.; Barille S.; Collette M.; Robillard N.; Berthaud P.; Harousseau J.-L.; Bataille R.

AN 2000018603 EMBASE

L134 ANSWER 6 OF 32 Elsevier BIOBASE COPYRIGHT 2007 Elsevier Science B.V. on STN

AN 1999189872 ESBIOBASE

TI Active isoprenoid pathway in the intra-erythrocytic stages of Plasmodium falciparum: Presence of dolichols of 11 and 12 isoprene units

AU Couto A.S.; Kimura E.A.; Peres V.J.; Uhrig M.L.; Katzin A.M.

CS A.M. Katzin, Departamento de Parasitologia, Instituto de Ciencias Biomedicas, Universidade de Sao Paulo, Av. Lineu Prestes 1374, CEP 05508-900 Sao Paulo SP, Brazil.

E-mail: amkatzin@icb.usp.br

SO Biochemical Journal, (01 AUG 1999), 341/3 (629-637), 50 reference(s)  
CODEN: BIJOAK ISSN: 0264-6021

DT Journal; Article

CY United Kingdom

LA English

SL English

L134 ANSWER 7 OF 32 Elsevier BIOBASE COPYRIGHT 2007 Elsevier Science B.V. on STN

AN 1997181088 ESBIOBASE

TI The first step of aminoacylation at the atomic level in histidyl-tRNA synthetase

AU Arnez J.G.; Augustine J.G.; Moras D.; Francklyn C.S.

CS D. Moras, Department of Biochemistry, College of Medicine, University of Vermont, Burlington, VT 05405, United States.

SO Proceedings of the National Academy of Sciences of the United States of America, (1997), 94/14 (7144-7149), 44 reference(s)

CODEN: PNASA6 ISSN: 0027-8424

DT Journal; Article

CY United States

LA English

SL English

L134 ANSWER 8 OF 32 Elsevier BIOBASE COPYRIGHT 2007 Elsevier Science B.V. on STN

AN 1997058360 ESBIOBASE

TI In vitro kinetic studies of formation of antigenic advanced glycation end products (AGES). Novel inhibition of post-Amadori glycation pathways

AU Booth A.A.; Khalifah R.G.; Todd P.; Hudson B.G.

CS B.G. Hudson, Dept. of Biochemistry/Molec. Biology, University of Kansas Medical Center, 3901 Rainbow Blvd., Kansas City, KS 66160-7421, United States.

E-mail: bhudson@kumc.edu

SO Journal of Biological Chemistry, (1997), 272/9 (5430-5437), 76 reference(s)

CODEN: JBCHA3 ISSN: 0021-9258

DT Journal; Article

CY United States

LA English

SL English

L134 ANSWER 9 OF 32 HCAPLUS COPYRIGHT 2007 ACS on STN

TI HMG CoA reductase inhibitor-induced myotoxicity: pravastatin and lovastatin inhibit the geranylgeranylation of low-molecular-weight proteins in neonatal rat muscle cell culture

SO Toxicology and Applied Pharmacology (1997), 145(1), 99-110  
CODEN: TXAPA9; ISSN: 0041-008X

AU Flint, Oliver P.; Masters, Barbara A.; Gregg, Richard E.; Durham, Stephen K.

AN 1997:439283 HCAPLUS

DN 127:156552

L134 ANSWER 10 OF 32 MEDLINE on STN

DUPPLICATE 3

TI Inhibition of cholesterol synthesis by squalene synthase inhibitors does not induce myotoxicity in vitro.  
 SO Toxicology and applied pharmacology, (1997 Jul) Vol. 145, No. 1, pp. 91-8.  
 Journal code: 0416575. ISSN: 0041-008X.  
 AU Flint O P; Masters B A; Gregg R E; Durham S K  
 AN 97364879 MEDLINE

L134 ANSWER 11 OF 32 MEDLINE on STN DUPLICATE 4  
 TI Monoterpene hydrocarbons as regulators of malignant cell proliferation.  
 SO Advances in experimental medicine and biology, (1996) Vol. 401, pp. 137-46. Ref: 43  
 Journal code: 0121103. ISSN: 0065-2598.  
 AU Hohl R J  
 AN 97040842 MEDLINE

L134 ANSWER 12 OF 32 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation on STN DUPLICATE 5  
 TI CHEMICAL AND BIOLOGICAL REDUCTION OF MN(III)-PYROPHOSPHATE COMPLEXES - POTENTIAL IMPORTANCE OF DISSOLVED MN(III) AS AN ENVIRONMENTAL OXIDANT  
 SO GEOCHIMICA ET COSMOCHIMICA ACTA, (MAR 1995) Vol. 59, No. 5, pp. 885-894.  
 ISSN: 0016-7037.  
 AU KOSTKA J E (Reprint); LUTHER G W; NEALSON K H  
 AN 1995:217940 SCISEARCH

L134 ANSWER 13 OF 32 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights reserved on STN  
 TI Cerebellar  $\alpha$ -ketoglutarate dehydrogenase activity is reduced in spinocerebellar ataxia type 1.  
 SO Annals of Neurology, (May 1994) Vol. 35, No. 5, pp. 624-626.  
 Refs: 9  
 ISSN: 0364-5134 CODEN: ANNED3  
 AU Mastrogiamomo F.; Kish S.J.  
 AN 1994155029 EMBASE

L134 ANSWER 14 OF 32 Elsevier BIOBASE COPYRIGHT 2007 Elsevier Science B.V. on STN  
 AN 1995008659 ESBIOBASE  
 TI Farnesylation of p21 Ras proteins in Xenopus oocytes  
 AU Zhao J.; Kung H.-F.; Manne V.  
 CS H.-F. Kung, Lab. of Biochemical Physiology, Div. Cancer Treat., Nat. Cancer Inst., Cancer Res. and Development Center, Frederick, MD 21702-1201, United States.  
 SO Cellular and Molecular Biology Research, (1994), 40/4 (313-321)  
 CODEN: CMBREW ISSN: 0968-8773  
 DT Journal; Article  
 CY United Kingdom  
 LA English  
 SL English

L134 ANSWER 15 OF 32 MEDLINE on STN DUPLICATE 6  
 TI Isopentenoid synthesis in eukaryotic cells. An initiating role for post-translational control of 3-hydroxy-3-methylglutaryl coenzyme A reductase.  
 SO Archives of biochemistry and biophysics, (1993 Apr) Vol. 302, No. 1, pp. 265-71.  
 Journal code: 0372430. ISSN: 0003-9861.  
 AU Giron M D; Havel C M; Watson J A  
 AN 93228354 MEDLINE

L134 ANSWER 16 OF 32 MEDLINE on STN DUPLICATE 7  
 TI Regulation of glucose metabolism in livers and kidneys of NOD mice.  
 SO Diabetes, (1991 Nov) Vol. 40, No. 11, pp. 1467-71.  
 Journal code: 0372763. ISSN: 0012-1797.  
 AU Sochor M; Kunjara S; Baquer N Z; McLean P

AN 92038500 MEDLINE

L134 ANSWER 17 OF 32 MEDLINE on STN DUPLICATE 8  
TI Coordinate regulation of 3-hydroxy-3-methylglutaryl-coenzyme A synthase,  
3-hydroxy-3-methylglutaryl-coenzyme A reductase, and prenyltransferase  
synthesis but not degradation in HepG2 cells.  
SO The Journal of biological chemistry, (1989 Jul 25) Vol. 264, No. 21, pp.  
12653-6.  
Journal code: 2985121R. ISSN: 0021-9258.  
AU Rosser D S; Ashby M N; Ellis J L; Edwards P A  
AN 89308702 MEDLINE

L134 ANSWER 18 OF 32 MEDLINE on STN DUPLICATE 9  
TI Antineoplastic activity of a series of boron analogues of alpha-amino  
acids.  
SO Journal of pharmaceutical sciences, (1985 Jul) Vol. 74, No. 7, pp. 755-8.  
Journal code: 2985195R. ISSN: 0022-3549.  
AU Hall I H; Gilbert C J; McPhail A T; Morse K W; Hassett K; Spielvogel B F  
AN 85292590 MEDLINE

L134 ANSWER 19 OF 32 MEDLINE on STN  
TI Effect of selected dietary buffers upon utilization of concentrate- or  
roughage-based cattle diets: laboratory studies.  
SO Journal of animal science, (1984 Jul) Vol. 59, No. 1, pp. 227-36.  
Journal code: 8003002. ISSN: 0021-8812.  
AU Hall M W; Thomas E E  
AN 84264158 MEDLINE

L134 ANSWER 20 OF 32 MEDLINE on STN DUPLICATE 10  
TI Antitumor agents XLVII: The effects of bisbrusatolyl malonate on P-388  
lymphocytic leukemia cell metabolism.  
SO Journal of pharmaceutical sciences, (1982 Feb) Vol. 71, No. 2, pp. 257-62.  
Journal code: 2985195R. ISSN: 0022-3549.  
AU Hall I H; Liou Y F; Lee K H; Okano M; Chaney S G  
AN 82145205 MEDLINE

L134 ANSWER 21 OF 32 MEDLINE on STN DUPLICATE 11  
TI Antitumor agents. XXXIV: Mechanism of action of bruceoside A and brusatol  
on nucleic acid metabolism of P-388 lymphocytic leukemia cells.  
SO Journal of pharmaceutical sciences, (1979 Jul) Vol. 68, No. 7, pp. 883-7.  
Journal code: 2985195R. ISSN: 0022-3549.  
AU Hall I H; Lee K H; Egebaly S A; Imakura Y; Sumida Y; Wu R Y  
AN 79218417 MEDLINE

L134 ANSWER 22 OF 32 MEDLINE on STN DUPLICATE 12  
TI Central role for magnesium in coordinate control of metabolism and growth  
in animal cells.  
SO Proceedings of the National Academy of Sciences of the United States of  
America, (1975 Sep) Vol. 72, No. 9, pp. 3551-5.  
Journal code: 7505876. ISSN: 0027-8424.  
AU Rubin H  
AN 76053160 MEDLINE

L134 ANSWER 23 OF 32 MEDLINE on STN DUPLICATE 13  
TI Defects of two temperature-sensitive lysyl-transfer ribonucleic acid  
synthetase mutants of *Bacillus subtilis*.  
SO Journal of bacteriology, (1974 Oct) Vol. 120, No. 1, pp. 372-83.  
Journal code: 2985120R. ISSN: 0021-9193.  
AU Racine F M; Steinberg W  
AN 75021370 MEDLINE

L134 ANSWER 24 OF 32 HCPLUS COPYRIGHT 2007 ACS on STN  
TI Reversible inhibition by histidinol of protein synthesis  
in human cells at the activation of histidine  
SO Journal of Biological Chemistry (1972), 247(12), 3854-7

CODEN: JBCHA3; ISSN: 0021-9258  
AU Hansen, Bent S.; Vaughan, Maurice H.; Wang, Li-Jen  
AN 1972:470912 HCAPLUS  
DN 77:70912

L134 ANSWER 25 OF 32 MEDLINE on STN DUPLICATE 14  
TI Properties and substrate specificities of the phenylalanyl-transfer-  
ribonucleic acid synthetases of Aesculus species.  
SO The Biochemical journal, (1970 Oct) Vol. 119, No. 4, pp. 677-90.  
Journal code: 2984726R. ISSN: 0264-6021.  
AU Anderson J W; Fowden L  
AN 71081324 MEDLINE

L134 ANSWER 26 OF 32 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI Rate law and mechanism of the adenosine triphosphate-pyrophosphate isotope  
exchange reaction of amino acyl transfer ribonucleic acid synthetases  
SO Biochemistry (1970), 9(3), 480-9  
CODEN: BICHAW; ISSN: 0006-2960  
AU Cole, Francis X.; Schimmel, Paul R.  
AN 1970:86629 HCAPLUS  
DN 72:86629

L134 ANSWER 27 OF 32 MEDLINE on STN DUPLICATE 15  
TI The purification and properties of the alanyl-transfer ribonucleic acid  
synthetase of tomato roots.  
SO The Biochemical journal, (1965 Sep) Vol. 96, No. 3, pp. 616-25.  
Journal code: 2984726R. ISSN: 0264-6021.  
AU Attwood M M; Cocking E C  
AN 66094618 MEDLINE

L134 ANSWER 28 OF 32 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI Pentose phosphate pathway, steroidogenesis, and protein  
synthesis  
SO Biochimica et Biophysica Acta, General Subjects (1965), 100(2), 612-15  
CODEN: BBGSB3; ISSN: 0304-4165  
AU McKerns, Kenneth W.  
AN 1965:425562 HCAPLUS  
DN 63:25562  
OREF 63:4607g-h

L134 ANSWER 29 OF 32 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI Activity of amino acid-activating enzymes in tissues from protein-depleted  
rats  
SO Journal of Nutrition (1964), 84(2), 173-8  
CODEN: JONUAI; ISSN: 0022-3166  
AU Gaetani, S.; Paolucci, A. M.; Spadoni, M. A.; Tomassi, G.  
AN 1964:486475 HCAPLUS  
DN 61:86475  
OREF 61:15101a-c

L134 ANSWER 30 OF 32 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI Protein synthesis in poisoning. III. Labeling of pH 5  
enzyme with glycine-C14 and inhibition by p-chloromercuribenzoate  
SO Acta Medica Okayama (1962), 16(No. 1), 9-14  
CODEN: AMOKAG; ISSN: 0386-300X  
AU Ogata, Masana  
AN 1963:76157 HCAPLUS  
DN 58:76157  
OREF 58:13043g-h

L134 ANSWER 31 OF 32 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
TI Effect of chemical agents on nucleic acid and protein  
synthesis in rat tumor tissue in vivo.  
SO BRIT JOUR RADIOL, (1953) Vol. 26, No. 306, pp. 326-328.

AU HOMES, B. E.; MEE, L. K.  
AN 1954:995 BIOSIS

L134 ANSWER 32 OF 32 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI Effect of chemical agents on nucleic acid and protein  
synthesis in rat tumor tissue in vivo  
SO Brit. J. Radiol. (1953), 26, 326-8  
AU Holmes, Barbara E.; Mee, Lorna K.  
AN 1953:67518 HCAPLUS  
DN 47:67518  
OREF 47:11461b-d

=> d 100- 197

YOU HAVE REQUESTED DATA FROM 4 ANSWERS - CONTINUE? Y/(N):y

L97 ANSWER 100 OF 103 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI Effect of K and Cl on P absorption and P exchange in corn plants  
SO Doklady Akademii Nauk BSSR (1965), 9(6), 401-3  
CODEN: DBLRAC; ISSN: 0002-354X  
AU Lozhkina, N. N.; Udoenko, G. V.  
AN 1965:501078 HCAPLUS  
DN 63:101078  
OREF 63:18658b-d

L97 ANSWER 101 OF 103 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI Decrease in the rate of synthesis of nucleic acid and proteins in  
malignant tumors by inhibition of the pentose phosphate metabolic pathway  
SO Compt. Rend. (1964), 259(16), 2729-32  
AU Beaconsfield, Peter; Rainsbury, Rebecca  
AN 1965:24585 HCAPLUS  
DN 62:24585  
OREF 62:4443e-f

L97 ANSWER 102 OF 103 HCAPLUS COPYRIGHT 2007 ACS on STN  
TI Yeast sulfate-reducing system. I. Reduction of sulfate to sulfite  
SO Journal of Biological Chemistry (1961), 236, 1822-9  
CODEN: JBCHA3; ISSN: 0021-9258  
AU Wilson, Lloyd G.; Asahi, Tadashi; Bandurski, Robert S.  
AN 1961:138141 HCAPLUS  
DN 55:138141  
OREF 55:26125e-g

L97 ANSWER 103 OF 103 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
TI Disruption of energy metabolism in mesophytes in the presence of a water  
deficit Referat. Zhur., Biol., 1962, Number 11G59. (Translation).  
Original Title: Narushenie energeticheskogo obmena u mezofitov v  
usloviyah vodnogo defitsita In: Vodnyi Rezhim Rastenii v Zasushlivykh  
Raionakh SSSR 173-191. 1961 Referat. Zhur., Biol., 1962, Number 11G59.  
(Translation).  
SO Disruption of energy metabolism in mesophytes in the presence of a water  
deficit. Narushenie energeticheskogo obmena u mezofitov v usloviyah  
vodnogo defitsita In: Vodnyi Rezhim Rastenii v Zasushlivykh Raionakh SSSR  
173-191. 1961. "The water balance of plants in the arid regions of the  
USSR". Moscow, USSR Academy of Sciences, 1961. Date Unknown.  
AU ZHOLKEVICH, V. N.  
AN 1963:7840 BIOSIS

=> log y

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
121.46	121.67

FULL ESTIMATED COST

STN INTERNATIONAL LOGOFF AT 14:54:42 ON 01 OCT 2007